

Anti-interferon-alpha monoclonal antibody - is not reactive to interferon-alpha decomposed with cyanobromide and/or pepsin

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Abstract:

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Anti-interferon -alpha-monoclonal antibody reactive to natural and recombinant interferon-alpha is new. The antibody is not reactive to interferon-alpha decomposed with cyanobromide and/or pepsine.

A mouse is immunised with r-IFN-alpha, and the immunised spleen cells are isolated. The cells are fused with mouse myeloma cells by conventional cell fusion to obtain hybridoma. By incubating the hybridoma, the intended anti-interferon -alpha-monoclonal antibody is obtd.

USE/ADVANTAGE - Using the monoclonal antibody, effective determination or purification of not only recombinant interferon-alpha (r-INF-alpha) but also natural interferon-alpha (n-INF-alpha) is possible.

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